

WE CLAIM:

- 1 1. A method for creating one or more web pages from processed measurement
2 data, comprising:
3 providing at least one routine capable of accessing said processed measurement
4 data and generating said one or more web pages; and
5 running said at least one routine to generate said one or more web pages, said
6 one or more web pages including at least information representing said processed
7 measurement data.
- 1 2. The method of Claim 1, further comprising:
2 collecting raw measurement data obtained from a measuring device.

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1 3. The method of Claim 2, wherein said steps of providing and running further
2 comprise:

3 creating a measurement program to process said raw measurement data to
4 produce said processed measurement data and generate said one or more web pages;

5 storing said measurement program on a web server;

6 entering a web address for said measurement program from a web browser to
7 access said measurement program; and

8 running said measurement program to produce said processed measurement
9 data and generate said one or more web pages to said web browser.

1 4. The method of Claim 1, further comprising:

2 providing at least one variable file associated with a variable of said processed
3 measurement data; and

4 generating said one or more web pages to include said at least one variable file.

1 5. The method of Claim 4, wherein said at least one variable includes at least
2 measurement information relating to said processed measurement data and user-defined
3 comments relating to an output of said processed measurement data.

1 6. The method of Claim 5, further comprising:

2 entering said at least one variable into at least one field on a web form;
3 entering file names associated with at least said processed measurement data,
4 said output and said one or more web pages into said at least one field on said web form; and
5 automatically creating said one or more web pages using the information
6 entered into said at least one field on said web form.

01 7. The method of Claim 4, further comprising:

02 saving said processed measurement data to at least one web-compatible data
03 file and at least one output of said processed measurement data to at least one web-compatible
04 output file; and
05 including links to said at least one web-compatible data file and said at least
06 one web-compatible output file in said one or more web pages.

1 8. The method of Claim 7, further comprising:

2 creating said at least one variable; and
3 providing at least one user-created first routine for saving said at least one
4 variable to at least one web-compatible variable file.

1 9. The method of Claim 8, further comprising:

2 providing at least one user-created second routine for saving said processed
3 measurement data to said at least one web-compatible data file; and

4 providing at least one user-created third routine for saving said output to said
5 at least one web-compatible output file.

1 10. The method of Claim 9, further comprising:
2 saving a file name of a user-created script for calling said first, second and third
3 user-created routines as a link within said one or more web pages.

1 11. The method of Claim 1, wherein said step of running further comprises:
2 including one or more graphics files capable of being displayed in-line and one
3 or more graphics files suitable for document creation in said one or more web pages.

1 12. The method of Claim 1, further comprising:
2 storing said one or more web pages on a web server for later retrieval and
3 viewing.

1 13. The method of Claim 12, further comprising:
2 accessing and viewing said one or more web pages using a web browser.

1 14. The method of Claim 1, further comprising:
2 providing at least one index creation routine capable of accessing said one or
3 more web pages and generating at least one index web page including at least a listing of said

4 one or more web pages.

1 15. The method of Claim 14, wherein said step of providing said at least one index
2 creation routine further comprises:
3 including a link to said one or more web pages within said at least one index
4 web page.

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1 16. The method of Claim 14, wherein said step of providing said at least one index
creation routine further comprises:
3 including description information associated with said one or more web pages
within said at least one index web page.

H1 17. A system for creating one or more web pages from processed measurement
2 data, comprising:
3 a processing engine capable of running at least one routine to access said
4 processed measurement data and generate said one or more web pages, said one or more web
5 pages including at least information representing said processed measurement data..

1 18. The system of Claim 17, further comprising:
2 physical measurement logic capable of obtaining one or more measurements;
3 and

4 data collection logic capable of collecting raw measurement data from said one
5 or more measurements, said processing engine being further capable of processing said raw
6 measurement data to produce said processed measurement data.

1 19. The system of Claim 18, wherein said at least one routine is a measurement
2 program configured to process said raw measurement data to produce said processed
3 measurement data and generate said one or more web pages, said processing engine being
4 further capable of storing said measurement program on a web server.

1 20. The system of Claim 19, wherein said measurement program is further capable
2 of being accessed by entering a web address for said measurement program from a web
3 browser, said measurement program being further capable of generating said one or more web
4 pages only to said web browser.

1 21. The system of Claim 17, wherein said processing engine is further capable of
2 including at least one variable file associated with a variable of said processed measurement
3 data within said one or more web pages.

1 22. The system of Claim 21, wherein said at least one variable includes at least
2 measurement information relating to said processed measurement data and user-defined
3 comments relating to an output of said processed measurement data.

1 23. The system of Claim 22, wherein said processing engine is further capable of
2 receiving said at least one variable entered into at least one field on a web form, receiving file
3 names associated with at least said processed measurement data, said output and said one or
4 more web pages entered into said at least one field on said web form and automatically
5 creating said one or more web pages using the information entered into said at least one field
6 on said web form.

1 24. The system of Claim 22, wherein said processing engine is further capable of
2 saving said processed measurement data to at least one web-compatible data file and at least
3 one output of said processed measurement data to at least one web-compatible output file and
4 providing links to said at least one web-compatible data file and said at least one web-
5 compatible output file within said one or more web pages.

1 25. The system of Claim 24, wherein said at least one variable is a user-created
2 variable specific to said processed measurement data or said output, said processing engine
3 being further capable of receiving said at least one user-created variable and using user-created
4 routines to save said at least one variable to at least one web-compatible variable file, said
5 processed measurement data to said at least one web-compatible data file and said output to
6 said at least one web-compatible output file.

1 26. The system of Claim 25, wherein said processing engine is further capable of
2 saving a file name of a user-created script for calling said user-created routines as a link within
3 said one or more web pages.

1 27. The system of Claim 17, further comprising
2 a web server capable of storing said one or more web pages for later retrieval
3 and viewing

1 28. The system of Claim 26, further comprising:
2 a web browser capable of accessing and viewing said one or more web pages
3 via said web server.

1 29. The system of Claim 17, wherein said processing engine is further capable of
2 including one or more graphics files capable of being displayed in-line and one or more
3 graphics files suitable for document creation in said one or more web pages.

1 30. The system of Claim 17, wherein said processing engine is further capable of
2 using at least one index creation routine to access said one or more web pages and generate at
3 least one index web page including at least a listing of said one or more web pages.